

[System and Method for Determining User Identity Fraud Using Similarity Searching]

Abstract of Disclosure

A method for verifying the identity of a new-user of a computer system, comprising the steps of receiving at least one identity attribute from the new-user; similarity searching the at least one new-user identity attribute against at least one database of denied-user identity attributes; receiving a similarity search result; determining a positive or negative match between the at least one new-user identity attribute and the denied-user identity attributes; allowing the new-user to access the computer system, where a negative match has been determined; and denying the new-user access to the computer system, where a positive match has been determined.

Figures

Figure 1: A schematic diagram illustrating the relationship between the variables x , y , and z . The diagram shows a flow from x to y and from y to z , with a feedback loop from z back to x . The variables are represented by boxes, and the relationships are indicated by arrows.